

I claim:

1. A security viewing apparatus to provide a user with an expanded view of a selected area, comprising:
 - (a) a viewing device having a first field of view; and
 - (b) a convex reflective surface having a second field of view substantially greater than said first field of view, said reflective surface being positioned in a spaced-apart relationship to said viewing device and within said first field of view so as to reflect a view of said selected area to said viewer.
2. The security viewing apparatus according to claim 1, wherein said viewing device includes a magnification means for adjusting said first field of view with respect to said second field of view produced by said convex reflective surface.
3. The security viewing apparatus according to claim 1, wherein said viewing device includes a means for mounting said viewing device to a vertical surface and said convex reflective surface includes a means for mounting said convex reflective surface to a surface opposite said vertical surface.

4. The security viewing apparatus according to claim 3, wherein said viewing device includes a mounting flange for mounting said viewing device to said vertical surface.

5. The security viewing apparatus according to claim 1, wherein said viewing device includes an inner vertical tube mounted inside of an outer vertical tube for allowing a telescoping adjustment in a vertical direction, a horizontal tube attached to a top end of said outer vertical tube, and an eyepiece attached to a lower end of said inner vertical tube for viewing said first field of view.

6. A security viewing apparatus according to claim 5, wherein said inner vertical tube is adjustable in a vertical direction along a central vertical axis of said outer vertical tube for positioning said eyepiece in relation to a user's eye.

7. A security viewing apparatus according to claim 1, wherein said outer vertical tube and said inner vertical tube house a plurality of lenses and a plurality of reflective devices for providing a clear and adjustable said first field of view.

8. The security viewing apparatus according to claim 1 or 7, wherein the viewing device further comprises an adjustment means cooperating with said plurality of lenses for adjusting a focus and magnification of said viewing device.

9. The security viewing apparatus according to claim 1 or 5, wherein said eyepiece comprises at least one lens.

10. The security viewing apparatus according to claim 9, wherein said lens is made of a material selected from the group consisting of glass and plastic.

11. The security viewing apparatus according to claim 1 or 7, wherein said plurality of lenses are made of a material selected from the group consisting of glass and plastic.

12. The security viewing apparatus according to claim 1 or 7, wherein said reflective devices are selected from the group consisting of mirrors and prisms.

13. The security viewing apparatus according to claim 5, wherein said horizontal tube comprising an objective lens, protrudes through a vertical surface from an inner side of said vertical surface to an outer side of said vertical surface.

14. The security viewing apparatus according to claim 1, wherein the reflective surface has a convex cross-section.

15. The security viewing apparatus according to claim 1, wherein the reflective surface is rectangularly shaped.

16. The security viewing apparatus according to claim 1, wherein said reflective surface is defined as an arc of a sphere having a diameter of eight feet.

17. The security viewing apparatus according to claim 1, wherein said reflective surface is adjustable via an adjustable joint.

18. The method of installing a security viewing apparatus, comprising the steps:

- (a) mounting a viewing device to a vertical surface by sliding a horizontal tube of said viewing device through a hole in said vertical surface and fastening said viewing device to said vertical surface via a mounting means;
- (b) positioning a reflective surface along a surface opposite an outer side of said vertical surface for receiving a maximum second field of view from said reflective surface when looking through said viewing device;
- (c) mounting said reflective surface to said surface opposite said outer side of said vertical surface using a mounting means; and
- (d) adjusting said reflective surface using an adjustable joint to provide a maximum said second field of view.

19. The method of using a security viewing apparatus, comprising the steps:

- (a) adjusting an inner vertical tube of a viewing device in a vertical direction for positioning an eyepiece attached to said inner vertical tube in relation to a user's eye;
- (b) looking through said eyepiece for viewing a first field of view; and
- (c) adjusting a focus and magnification of said viewing device by a magnification/focus means cooperating with a plurality of lenses to provide a clear first field of view displaying only a second field of view produced by a convex reflective surface.